

#### ABSTRACT OF THE DISCLOSURE

A two-phase rotary encoder is provided which includes a substrate for the encoder which is double-faced and has a copper-foil-bonded substrate etched thereon, a first ring-shaped electrode pattern and a second ring-shaped electrode pattern formed concentrically around a center hole on the substrate, a smooth, level ring-shaped comb electrode pattern formed on an outermost periphery of the substrate, wiring patterns which cover the electrode patterns through each of external connecting terminals provided on the substrate, and a common external connecting terminal provided on an edge of the substrate, formed on a surface thereof via the center hole or a through hole. The rotary encoder further includes a resin-molded case, a shaft, a gear-shaped rotor, a click mechanism and a tact switch mechanism.